

Annual Return of Statistics relating to Forest Administration in British India for the year 1930-31

(Compiled in the office of the President, Forest Research Institute and College.)



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APPENDIX.

Diagram showing annual forest revenue, expenditure and surplus for the 10 years 1921-22 to 1930-31.

STATEMENT I.

Area of forests under the control of the Forest Department.

Province.		Forest area in square miles.				Percentage of forests to whole area of Province.	Remarks.
Name.	Area in square miles.	Reserved.	Protected.	Unclassified State.	Total.		
1	2	3	4	5	6	7	8
Bengal	76,854	(a) 6,508	(b) 678	3,445	10,624	13.8	(a) Includes 20 square miles of reserved forests not under the management of Forest Department. (b) Includes 11 square miles of other protected forests not under the control of Forest Department.
United Provinces	106,720	(c) 5,182	4	54	5,210	4.9	(c) Includes 1 square mile of leased forests.
Punjab	96,830	(d) 1,534	(e) 3,206	(f) 552	5,292	5.4	(d) Includes 352 square miles of leased forests but excludes 500 square miles of reserved forests not under the control of the Forest Department. (e) Excludes 71 square miles not under the control of the Forest Department. (f) Excludes 235 square miles of forest and village forest lands. (g) Includes 1,108 square miles without forest growth.
Burma	182,900	29,834	...	(g) 92,548	122,382	66.9	
Federated Shan States	60,615	3,174	...	21,477	24,651	40.6	
Bihar and Orissa	83,083	1,799	(h) 1,220	3	3,022	3.6	(h) Excludes 676 square miles not under the control of Forest Department.
Assam	55,156	6,158	...	14,829	20,982	38.0	
Central Provinces (including Berar).	99,955	(i) 19,018	...	...	19,018	19.0	(i) Includes 174 square miles of leased forests.
Coorg	1,592	519	...	...	519	32.8	
North-West Frontier Province.	18,183	(j) 245	(k)	...	245	1.8	(j) Excludes 14 square miles of Civil and Military Reserved Forests. (k) Excludes 105 square miles of civil protected forests and 183 square miles of Guzara forests.
Ajmer	2,767	141	...	...	141	5.1	
Baluchistan (portions under British Administration).	54,228†	310	...	472	788	1.4	
Andamans and Nicobar	3,148†	52	...	2,188	2,190	69.6	
Madras	142,335	(l) 18,963	...	(m) 178	19,139	13.4	(l) Includes 27 square miles of <i>Tekadi</i> leased forests. (m) Reserved lands.
Bombay (including Sind)	123,251	13,717	1,160	...	(n) 14,877	12.1	(n) Includes 2,341 square miles of reserved and protected forests not under the management of the Forest Department.
Total 1930-31	1,102,602†	107,733	6,263	135,691	249,710	22.6	
„ 1929-30	1,103,456†	107,353	6,208	135,593	249,154	22.6	
„ 1928-29	1,103,693†	106,849	6,308	136,665	249,822	22.7	
„ 1927-28	1,103,679†	105,538	7,635	136,864	250,110	22.6	
„ 1926-27	1,100,106†	105,285	8,626	137,844	251,755	22.8	

† Figures taken from the Census Report of 1921.

‡ Excluding Delhi Province and Pargana Manpur.

STATEMENT II.

Progress made in Forest Settlements during the year 1930-31.

Province.	Area in square miles.			Cost during year.		Entire cost per square mile of areas finally settled.
	Finally settled during year.	In hand at commencement of year.	Taken in hand during year.	In Forest Accounts.	In other Accounts	
1	2	3	4	5	6	7
				Rs.	Rs.	Rs.
Bengal	41	78	7	...	...	...
United Provinces . . . . .	...	17	...	...	...	...
Punjab . . . . .	...	..	7	...	...	...
Burma	450	3,606	338	9,152	...	...
Federated Shan States . . . . .	...	30	24	...	...	...
Bihar and Orissa . . . . .	...	3	10	...	...	...
Assam	7	32	1	66	...	...
Central Provinces	1	1	...	...	...	...
Coorg . . . . .	...	...	...	...	...	...
North-West Frontier Province . . . . .	...	...	...	...	...	...
Ajmer . . . . .	...	...	...	...	...	...
Baluchistan . . . . .	...	316	...	316	...	...
Andamans . . . . .	...	52	...	...	...	...
Madras . . . . .	...	57	47	187	...	...
Bombay	31	50	23	307	...	...
1930-31	530	4,242	512	10,088	...	...
1929-30	554	2,766	2,286	14,304	...	...
Total 1926-29	1,433	2,300	1,715	3,312	...	269
1927-28	379	1,079	2,322	38,133	...	243
1926-27	443	2,506	370	32,702	...	...

STATEMENT III.

Demarcation and maintenance of boundaries.

Province.	Length of boundaries artificially demarcated during the year.	Length of previously existing boundaries repaired.	Length of previously existing boundaries not repaired.	Total length of artificially marked boundaries at the close of the year.	Length of boundaries not demarcated at the close of the year.	Length of natural boundaries not requiring artificial marks.	Total length of boundaries at the close of the year.	Expenditure on demarcation during the year.	
								On new work.	On repairs.
1	2	3	4	5	6	7	8	9	10
	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Miles.	Rs.	Rs.
Bengal . . .	168	1,036	1,600	2,804	202	1,176	4,182	7,211	3,987
United Provinces .	...	2,902	5,739	8,641	2	2,853	11,456	1,699	16,885
Punjab . . .	245	2,036	6,415	8,726	3	1,398	10,127	4,840	6,765
Burma . . .	355	3,520	13,744	17,619	87	3,805	21,511	8,451	33,522
Federated Shan States	...	391	955	1,349	...	561	1,910	...	2,790
Bihar and Orissa .	2	3,016	1,833	4,851	...	384	5,235	230	3,136
Assam . . .	12	1,293	1,280	2,585	11	2,352	4,948	772	10,845
Central Provinces .	108	5,415	27,130	32,683	10	3,366	36,059	136	16,414
Coorg . . .	...	72	396	468	...	67	535	...	1,634
North-West Frontier Province.	...	140	637	777	...	199	916	...	869
Ajmer . . .	...	11	222	233	...	158	391	...	200
Baluchistan . . .	...	8	...	460	...	77	537	6	243
Andamans . . .	...	...	...	30	36	23	95	...	...
Madras . . .	234	16,847	5,770	22,851	835	2,398	25,584	8,584	6,323
Bombay . . .	28	25,260	13,115	38,403	45	2,705	41,153	232	3,357
1930-31 .	1,152	61,980	70,818	142,456	731	21,402	164,679	32,161	1,08,440
1929-30 .	1,173	61,409	78,688	140,860	937	21,045	162,806	17,974	1,03,363
Total 1928-29 .	1,523	62,750	76,827	140,633	898	21,061	163,419	20,759	1,16,120
1927-28 .	816	63,075	75,613	139,037	1,057	20,936	162,046	16,500	1,07,783
1926-27 .	1,005	63,036	76,880	141,769	1,134	20,713	163,580	25,003	99,763

STATEMENT IV.

Forest survey operations from 1st April 1930 to 31st March 1931.

Province.	Forest surveyed.	Nature of survey operations.						Total area of detail survey.		Expenditure of the year including mapping and publishing charges debitabto to "Forests."	Remarks.
		1"		2"		4"					
		Detail survey.		Detail survey.		Detail survey.		1930-31.	Total up to date.		
1	2	Area.	Cost rate.	Area.	Cost rate.	Area.	Cost rate.	9	10	11	12
		3	4	5	6	7	8			Rs. A. P.	
Andamans .	...	..	...	..	..	...	...	...	527-00	.....
Assam . .	...	..	..	...	...	...	...	...	5,684-10	.....
Bengal . .	...	...	...	...	...	...	...	...	5,298-60	*7,380 0 0	* Debited against Bengal Government on account of 4 inch photo enlargements made from the new one-inch maps of forests falling in the Northern Circle.
Bihar and Orissa.	...	..	..	...	...	...	...	...	2,418-78	...	
N.-W. F. P. .	...	...	..	...	...	...	...	...	465-00	.....
Baluchistan .	.	...	...	...	...	...	...	...	241-30	.....
Punjab . .	...	...	..	...	...	...	...	...	4,365-00	.....
United Provinces.	...	...	...	...	...	...	...	...	7,142-70	.....
Ajmer . .	...	...	...	...	...	...	...	...	172-04	....
Madras .	Ganjam (a) . . .	...	...	...	...	1-57	...	1-57	18,216-51	810 0 0	(a) Cost of survey Rs. 810 debitabto to Forest Department.
	Central Salem (b) .	...	...	...	...	4-00	..	4-00		560 0 0	(b) 19 L. M. of forest boundary theodolite traverse was done out of total cost Rs. 1,180. Rs. 560 has been adjusted by the Forest Department during the financial year 1930-31, and the balance of Rs. 620 to be adjusted during 1931-32.
India . .	...	...	..	...	...	...	...	...	...	.....
Coorg . .	...	...	..	...	...	...	...	...	475-00	.....
Central Provinces.	...	...	...	...	...	...	..	...	19,535-00	.....
Bombay . .	...	...	...	...	...	...	...	...	18,232-90	.....
Burma† .	Manei (c) . . .	...	...	...	...	22-91	..	22-91	...	.....	(c) Original survey chargeable to forests, cost of survey Rs. 4,005 for the period 1st April 1930 to 31st March 1931 area is for the period 1st July 1930 to 30th June 1931 and also Rs. 27,650 cost of survey and mapping to end of field season 1929-30 area reported in form 10 of last year.

STATEMENT IV—contd.

Forest survey operations from 1st April 1930 to 31st March 1931—contd.

Province.	Forest surveyed.	Nature of survey operations.						Total area of detail survey.		Expenditure of the year including mapping and publishing charges debitable to "Forests".	Remarks.
		1 st		2 nd		4 th					
		Detail survey.		Detail survey.		Detail survey.		1930-31.	Total up to date.		
1	2	3	4	5	6	7	8	9	10	11	12
Burma—contd.	Upper Chinthein (d)	...	...	...	...	321.75	...	321.75		Rs. A. P.	(d) Includes 3.80 sq. miles of unclassified forest adjoining the Thauungdat R., 18.77 sq. miles of unclassified forest on country adjoining the Panngbyin R. and 15.59 sq. miles adjoining the Sanda and Sanda Ekin. Reserves, also, 209.5 L. M. of forest boundary and 163.4 L. M. of internal and connections traverse were done. Cost of survey Rs. 204,333 chargeable to Forest Department.
	Myittha (e)	...	...	...	...	...	...	...			(e) 92.7 L. M. of theodolite traverse and 37.9 L. M. of internal and connection traverse were done in the Natogyang and Bon Ekin. I and II Reserves. Cost of survey Rs. 7,121 chargeable to Forests.
	Zigon (f)	...	...	...	...	6.00	...	6.00	23,902.46	2,50,151 0 0	(f) 21.8 L. M. of theodolite boundary traversing was done in the Thicho and Kanthouzi R. F. Cost of survey Rs. 3,802 debitable to Forests. Area is for the year ending 30th June 1931 and the cost is for the financial year ending 31st March 1931.
	Thayetmyo (g)	...	...	...	...	4.00	...	4.00			(g) This R. F. having been surveyed in parts only had to be left incomplete due to the disturbed state of the country. Cost of survey Rs. 2,315 chargeable to Forest Department, and Rs. 110 being the cost of 4-inch film mapping of Aungmye Ekin Reserve forest.
	Thurrawaddy (h)	...	...	...	...	...	...	...			(h) 17.1 L. M. of boundary survey was done of the Thundawyo R. F. Cost of survey Rs. 512 chargeable to Forest Department.
										Rs. A. P.	Rs.
TOTAL	1930-31	1st April 1930 to 31st March 1931.	...	...	...	362.23	...	362.23	104,694.88	2,58,001 0 0	46,000
"	1929-30	1st April 1929 to 31st March 1930.	1,391.73	...	...	290.75	...	1,782.48	101,332.31	2,41,091 0 0	30,000
"	1928-29	1st April 1928 to 31st March 1929.	1,651.50	...	122	300.32	...	1,474.11	102,510.73	2,50,791 0 0	35,000
"	1927-28	1st April 1927 to 31st March 1928.	1,371.50	...	33	1,773.82	...	3,053.33	101,075.62	3,25,330 0 0	30,000
"	1926-27	1st April 1926 to 31st March 1927.	677.00	...	743	102.00	...	1,582.00	97,032.00	2,19,871 0 0	35,000

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STATEMENT V.

Progress made in working plans.

Province	Area under sanctioned working plans.					Area not under working plans.			Total forest area in Statement I. (Total of columns 5, 7, 8 and 9.)	Revisions.			
	At commencement of the year.	Added during the year.	Deducted during the year.	At close of year.		Plans under preparation.	Plans not under preparation.			Due or required.	In progress at the end of the year.	Revised plans sanctioned during the year.	Expenditure on working plans during the year.
				Actual area.	Percentage of total forest area (as shown in column 10).		Required at present.	Not required at present.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Sq. m	Sq. m	Sq. m.	Sq. m.		Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Sq. m.	Rs.
Bengal	6,810	...	...	6,810	64.1	47	15	8,762	10,624	...	4,578	198	2,407
United Provinces	4,984	...	.	4,984	...	178	...	78	5,240	...	1,407	302	40,499
Punjab	2,535	10	14	2,581	48	195	1	2,566	5,293	626	786	23	362
Burma	19,067	1,485	41	21,411	72	4,164	1,581	2,578	(a) 23,834	...	4,584	420	57,900
Federated Shan States	1,256	18	...	1,274	40	108	...	1,792	(a) 3,171	56	244	...	...
Bihar and Orissa	2,044	193	7	2,230	78.79	19	161	622	3,023	..	845	196	1,842
Assam	238	...	...	238	..	1,124	2,467	16,853	20,983	3	249	...	1,041
Central Provinces	17,508	1	22	17,487	89	733	375	1,023	19,618	...	2,956	...	...
Cooch	519	...	...	519	100	...	...	...	519	519	140	...	12,620
North-West Frontier Province	245	...	...	245	100	...	...	...	245	...	76	...	493
Ajmer	141	...	...	141	100	...	...	...	141	...	..	...	...
Baluchistan . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...
Andaman . . . . .	...	...	...	...	..	2,190	...	...	2,190	..	...	...	...
Madras	9,151	270	...	9,421	45.4	3,309	6,830	...	(b) 19,060	...	...	...	...
Bombay	8,864	33	81	8,871	71	265	273	3,125	(c) 12,533	514	1,084	147	7,767
Total 1930-31	74,262	2,015	115	76,162	57.5	12,032	11,102	32,469	132,475	1,718	16,699	1,286	1,24,951
.. 1929-30	71,141	3,075	571	74,545	57.1	11,369	9,864	34,180	130,897	3,706	15,561	1,957	1,25,877
.. 1928-29	66,565	7,744	1,439	72,870	55.5	12,468	7,271	39,463	131,905	2,677	13,279	5,896	1,41,709
.. 1927-28	63,491	1,633	126	65,245	41.7	10,695	18,253	42,409	102,340	2,904	17,206	1,282	68,828
.. 1926-27	60,039	4,021	315	63,717	47.8	10,254	14,164	44,335	103,135	5,129	13,608	1,564	2,08,296

(a) Excludes unleased forests.

(b) Includes 73 square miles of reserved lands, 1 square mile of unleased forest and 15 square miles of leased forests, which if added to figures shown in column 3 of Statement I will agree with this total.

(c) Excludes 2,814 square miles of reserved and protected forests not under control of Forest Department, which if added will agree with the total shown in column 6 of Statement I.

STATEMENT VI.

Expenditure on communications and buildings.

Province.	New Works		Repairs.		Other Works.	Total.
	Buildings.	Roads and paths.	Buildings.	Roads and paths.		
	2	3	4	5	6	7
1	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	25,636	6,820	43,160	47,810	12,351	1,35,816
United Provinces	1,00,347	23,190	1,05,062	1,50,923	25,379	4,03,901
Punjab	23,437	45,207	23,970	31,269	14,767	1,38,670
Burma	11,355	71	2,627	609	1,707	16,369
Federated Shan States	11,992	5,372	7,101	6,147	1,603	32,215
Bihar and Orissa	75,348	41,206	35,523	37,403	12,936	2,02,415
Assam	48,222	55,268	62,632	1,60,643	32,079	3,58,844
Central Provinces	51,127	62,978	69,142	1,10,940	32,707	3,26,889
Coorg	5,184	8,191	5,431	7,117	3,341	32,264
North-West Frontier Province	11,128	10,647	9,705	6,986	1,236	39,702
Ajmer	1,643	334	935	967	16	3,894
Baluchistan . . . . .	...	90	499	60	322	971
Andamans	14,638	...	3,671	24	17,800	41,193
Madras	26,17,017	18,05,994	70,948	1,09,526	1,60,878	47,73,358
Bombay	23,303	1,84,403	80,870	93,759	12,897	2,94,792
Total 1930-31	30,28,437	21,98,826	4,75,776	7,63,713	3,39,036	68,00,793
" 1929-30	32,73,532	22,91,633	5,90,180	10,23,334	3,71,505	75,56,269
" 1928-29	9,88,896	8,98,325	6,07,229	8,82,607	3,30,695	27,07,252
" 1927-28	11,04,650	7,80,863	5,95,878	9,53,460	2,51,631	28,76,377
" 1926-27	9,46,939	8,27,657	5,54,743	8,85,997	2,56,612	24,71,946

STATEMENT VII.

Bunches of forest rules.

Province	Cases for 1914 (Total)	New Cases in 1914						Deaths in 1914						Cases pending at close of year
		January to February	March		April		Total for year	Total for year	January		February		Total for year	
			1914	1915	1914	1915			1914	1915	1914	1915		
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Fateh	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Fateh	A	1	1	2	3	4	5	6	7	8	9	10	11	12
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Fateh	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Fateh	A	1	1	2	3	4	5	6	7	8	9	10	11	12
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Fateh	A	1	1	2	3	4	5	6	7	8	9	10	11	12
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
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	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Fateh	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
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	B	1	1	2	3	4	5	6	7	8	9	10	11	12
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Fateh	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
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Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
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	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Punjab	A	1	1	2	3	4	5	6	7	8	9	10	11	12
	B	1	1	2	3	4	5	6	7	8	9	10	11	12
	C	1	1	2	3	4	5	6	7	8	9	10	11	12
Total	14	17	21	23	25	27	29	31	33	35	37	39	41	43
Fateh	A	1												

* Name and location of the property owned by "A", "B" and "C" in the second 12. pages and the 13. body.

STATEMENT VII.—*contd.*Breaches of Forest rules—*contd.*

Province.		Cases pending from 1929-30.	New Cases of the year.					Total cases.	Disposed of during the year.							Cases pending at close of year.
			Injury to forest by fire	Unauthorized felling or appropriation of wood and minor forest produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	Total new cases of the year.		Convictions.		Acquittals.		Totals.			
									Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Ajmer	A.	3	...	8	17	1	26	29	14	23	2	4	16	27	13	
	B.	...	8	828	1,327	33	1,696	1,696	1,696	3,872	...	...	1,696	3,672	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total		3	8	836	1,344	34	1,722	1,725	1,710	3,695	2	4	1,712	3,699	13	
Baluchistan	A.	10	..	25	80	4	59	69	45	71	11	50	56	121	13	
	B.	...	1	78	198	...	277	277	277	403	...	...	277	403	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total		10	1	103	225	4	336	346	322	474	11	59	333	524	13	
Andamans	A.	1	...	..	...	...	...	1	...	...	...	...	...	...	1
	B.	...	...	1	...	...	1	1	1	1	..	...	1	1	...
	C.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total		1	...	1	...	..	1	2	1	1	...	..	1	1	1
Madras	A.	1,993	89	5,842	1,385	311	7,618	9,611	2,725	7,292	4,751	11,783	7,476	18,674	2,195	
	B.	3,325	103	11,574	2,710	1,164	15,851	19,176	13,365	20,455	1,711	9,759	15,079	30,217	4,007	
	C.	3	1,061	802	15	11	1,329	1,322	...	...	...	...	...	...	...
Total		5,321	1,184	18,018	4,110	1,466	24,798	30,119	16,090	33,750	6,465	15,141	22,555	48,891	6,142	
Bombay	A.	107	24	241	270	91	620	793	514	1,717	40	153	554	1,865	239	
	B.	2,064	227	7,350	6,029	2,142	15,787	17,851	15,519	30,962	17	80	15,536	30,992	3,315	
	C.	...	1,573	1,865	83	60	3,881	3,881	...	...	...	...	...	...	...
Total		2,231	2,124	9,195	6,382	2,293	20,294	22,625	16,033	38,675	57	182	16,090	39,857	2,554	
GRAND TOTAL	A.	3,359	152	9,350	2,659	1,458	16,909	18,058	7,808	16,729	5,493	13,599	12,798	30,323	4,453	
	B.	8,683	663	45,773	39,462	11,912	88,860	99,185	82,474	175,116	2,381	5,296	84,655	180,412	12,933	
	C.	3	3,719	3,003	261	192	7,773	7,779	...	...	...	...	...	...	...
Total 1930-31		12,280	4,517	58,756	33,650	13,622	110,545	125,023	69,782	191,845	7,871	18,895	17,653	210,710	17,386	
1929-30		13,710	4,302	55,930	33,994	15,887	110,112	126,025	97,713	195,103	5,939	14,870	103,653	211,003	11,732	
1928-29		12,770	4,737	53,151	31,830	14,389	112,453	123,001	96,884	193,820	5,004	13,366	101,715	207,181	13,820	
1927-28		13,333	4,806	57,515	35,040	12,291	118,221	125,296	97,761	197,064	6,051	14,081	103,612	211,143	13,695	
1926-27		12,424	4,005	57,583	36,033	12,653	110,159	124,047	95,676	193,697	5,615	14,030	101,291	210,557	13,829	

N. D.—A. Cases taken into Court.
 B. Cases compounded.
 C. Undetected cases.

STATEMENT VIII.

Area protected from fire.

Province.	Area in square miles.		Percentage of forests under fire protection to total area of reserves.	Percentage of failure to area attempted.		Remarks.
	Attempted.	Protected.		Average of past five years to 1929-30.	1930-31.	
1	2	3	4	5	6	7
Bengal	1,538	1,518	23.8	0.4	0.9	
United Provinces	3,314	3,220	62.1	2.02	2.8	
Punjab	1,208	1,130	73.6	0.8	6.3	
Burma	147	137	0.45	6.7	6.8	
Federated Shan States	9	5	0.15	...	44.1	
Bihar and Orissa	1,554	1,449	80.5	4.0	6.7	
Assam	18	17	0.27	41.4	5.5	
Central Provinces	13,151	12,730	64.8	4.0	3.2	
Coorg	230	223	42.9	0.4	3.04	
North-West Frontier Province	87	87	35.5	2.7	...	
Ajmer	140	140	99.2	0.14	...	
Madras	15,232	14,464	76.2	4.0	5.0	
Bombay	9,217	8,742	63.7	4.7	5.1	
Total 1930-31	45,838	43,862	40.7	3.9	4.3	
" 1929-30	46,178	43,907	40.9	3.6	4.7	
" 1928-29	43,993	41,993	41.1	3.6	4.5	
" 1927-28	42,178	40,203	39.9	3.2	4.6	
" 1926-27	38,814	37,659	36.9	9.0	2.9	

STATEMENT IX.

Causes of forest fires.

Province.	Fires originating in Departmental fire & nursery operations.		External fires crossing the fire traces.		Fires due to carelessness of outsiders.		Fires originating from intention or malice.		Fires due to unknown causes.		Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13
	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.	No.	Sq. M.
Bengal	5	...	4	1	29	4	6	1	40	9	84	15
United Provinces	28	7	32	21	113	19	71	25	77	19	321	94
Punjab	3	...	7	7	137	4	50	68	10	1	207	89
Burma	3	...	7	...	26	3	7	1	30	5	82	9
Federated Shan States . . . . .	...	..	...	...	2	4	..	...	2	...	4	4
Bihar and Orissa	6	2	18	19	14	7	2	...	68	77	107	105
Assam . . . . .	...	...	2	...	14	1	1	...	...	...	17	15
Central Provinces	39	127	73	62	97	56	5	1	371	170	535	422
Coorg	1	...	5	1	3	...	11	2	16	4	30	7
North-West Frontier Province . . . . .	...	...	..	...	9	...	1	...	...	...	10	...
Ajmer . . . . .	...	...	...	...	8	1	...	...	...	...	8	1
Beluchistan . . . . .	...	...	...	...	...	...	..	...	..	...	...	...
Andamans . . . . .	...	...	..	...	...	...	...	...	...	...	...	...
Madras	23	5	159	118	403	156	399	314	663	196	1,616	789
Bombay	37	5	202	72	503	77	123	45	1,314	351	2,179	550
Total 1930-31	141	146	599	304	1,358	332	975	457	2,000	838	5,280	2,077
" 1920-30	190	179	552	412	1,300	458	589	652	2,562	927	5,253	2,088
" 1928-29	165	52	629	415	1,513	521	558	182	2,660	923	5,615	2,095
" 1927-28	134	61	536	304	1,235	414	826	564	2,139	722	4,900	2,065
" 1926-27	246	70	464	142	1,517	268	970	195	1,817	615	4,523	1,794

STATEMENT X.

Area closed and open to grazing.

Area in Square Miles.							
Province.	Closed to all animals.		Open to grazing.				Total area as shown in Statement No. I. (Col. 6.)
	Whole year.	Part of year.	Of all animals.		Of all animals except browsers (camels, sheep and goats).		
			Whole year.	Part of year.	Whole year.	Part of year.	
1	2	3	4	5	6	7	8
Bengal	6,329	...	4,169	...	126	...	10,624
United Provinces	2,039	68	2,224	21	860	28	5,240
Punjab	478	30	4,221	102	353	14	5,292
Burma	22,501	...	69	234	2,509	4,501	122,382
Federated Shan States	2,246	...	...	75	792	61	24,651
Bihar and Orissa	635	...	612	...	1,717	54	3,022
Assam	4,825	...	15,085	...	1,572	...	20,932
Central Provinces	2,946	79	4,041	9	12,552	44	19,618
Coorg	80	439	...	...	...	439	519
North-West Frontier Province	63	...	8	...	174	...	245
Ajmer	28	110	...	...	3	110	141
Baluchistan	218	...	88	7	8	316	783
Andamans	52	...	...	...	358	...	2,190
Madras	1,788	189	18,304	39	596	9	19,139
Bombay	1,456	308	3,458	...	9,636	19	14,877
1930-31	45,177	1,223	47,194	487	31,256	5,605	219,710
1929-30	44,819	1,030	46,803	586	31,202	5,932	240,154
Total 1928-29	41,800	1,070	45,747	670	31,533	5,607	240,822
1927-28	44,576	1,572	49,551	899	31,023	5,400	189,321
1926-27	41,699	1,707	51,291	641	30,401	5,283	134,025

STATEMENT XI.
Protection from Cattle.

STATE
Protection

Province. 1	Grazed on payment, number of animals.									
	At full rates.					At privileged rates.				
	Buffaloes. 2	Cows and bullocks. 3	Goats and sheep. 4	Camels. 5	Other animals. 6	Buffaloes. 7	Cows and bullocks. 8	Goats and sheep. 9	Camels 10	Other animals. 11
Bengal	3,214	31,972	192	...	25	79	1,798	...	...	5
United Provinces	51,932	138,003	107,536	3,159	1,501	6,633	27,304	20,117	...	61
Punjab	10,703	19,612	398,697	21,597	1,368	292	10,731	472,514	103	132
Burma	4,619	25,041	...	...	15	...	...	...	...	...
Federated Shan States	4,062	530	...	...	...	...	...	...	...	...
Bihar and Orissa	6,789	26,274	1,531	...	...	6,454	13,653	...	...	...
Assam	8,741	4,985	350	...	64	234	300	...	...	...
Central Provinces	237,449	630,283	237,824	494	3,040	120,355	1,761,550	1,457	...	39
Coorg	379	2,053	...	...	...	...	...	...	...	...
North-West Frontier Province	2,630	3,366	45	...	57	...	...	...	...	...
Ajmer	1,401	13,678	...	...	...	4,212	18,132	...	...	...
Baluchistan	151	2,614	869	...	168	...	...	...	...	...
Madras	78,309	1,019,010	928,035	...	21	17,359	114,972	74,260	...	23
Dumay	18,207	65,828	87,608	392	6,010	185,036	840,023	331,173	...	2,576
Total 1930-31	428,646	1,985,282	1,312,657	25,642	12,269	340,659	2,788,569	949,521	103	2,885
" 1920-30	506,117	2,272,384	2,031,369	45,878	15,194	428,243	3,099,178	875,249	18	4,528
" 1928-29	501,532	2,171,060	2,075,638	24,870	13,669	412,668	3,112,907	969,833	180	3,696
" 1927-28	495,695	2,142,372	1,902,215	57,641	14,667	396,818	3,082,466	1,046,094	...	4,146
" 1926-27	493,666	1,832,588	1,517,036	110,404	13,150	363,373	3,022,752	971,465	396	4,209

MENT XI.

from cattle.

Grazed free, number of animals.										Total number of animals grazed.
By right under settlement.					During pleasure of Government or otherwise than under settlement.					
Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	Buffaloes.	Cows and bullocks.	Goats and sheep.	Camels.	Other animals.	
12	13	14	15	16	17	18	19	20	21	22
...	...	...	...	...	1,302	4,020	...	...	27	42,094
40,899	467,532	46,028	..	1,660	7,558	37,015	61,571	...	189	1,020,143
283,563	823,010	963,587	1,687	38,308	5,408	28,018	417	17	351	3,028,691
128,430	238,440	...	...	1,972	19,187	733	...	...	9,661	428,107
1,849	11,017	...	...	...	1,110	...	...	...	421	18,093
39,203	241,000	74,024	...	15	241	861	321	...	2	414,394
29	28	...	...	...	2,016	6,587	1,402	...	...	24,786
...	375	...	...	...	1,714	140,180	367	10	156	3,235,403
10	450	...	...	...	3,089	14,976	...	...	...	21,862
5,366	6,699	...	...	...	...	...	...	...	...	18,088
474	1,875	...	...	...	...	...	...	...	...	89,772
...	3,380	50,060	...	1,500	...	...	...	...	...	59,757
1,323	8,675	3,972	...	...	7,740	66,411	209	...	...	2,320,928
2,157	6,213	3	...	21	100,894	493,722	820	1,701	3,928	2,151,405
453,809	1,811,036	1,138,583	1,687	43,423	156,384	793,140	65,107	1,731	13,737	12,824,466
304,210	1,632,818	1,498,514	326	201,041	132,329	837,185	68,838	1,058	16,488	14,080,484
365,403	1,710,436	1,513,008	326	203,400	136,934	845,151	66,130	1,053	16,798	14,173,803
389,584	1,687,019	1,468,679	326	203,418	140,934	843,769	70,536	9,752	17,158	13,974,041
403,677	1,607,932	1,427,940	266	188,114	135,853	817,500	71,250	8,606	18,582	13,030,897

STATEMENT XII.

Progress in concentrated regeneration and afforestation.

Province.	Area regenerated during the year.		Area afforested during the year.	Total area.	Cost of regeneration and afforestation during the year, including tending.
	Mainly natural.	Mainly artificial.			
1	2	3	4	5	6
	Acres.	Acres.	Acres.	Acres.	Rs.
Bengal	*	*	*	2,539	77,547
United Provinces	6,564	523	358	7,445	1,61,494
Punjab	1,466	1,816	2,606	5,918	3,08,351
Burma	3,033	4,298	1,060	8,331	1,04,958
Federated Shan States . . . . .	...	304	...	304	31,678
Bihar and Orissa	*	*	*	14,443	17,899
Assam	*	*	*	2,612	35,862
Central Provinces	*	*	*	807	9,597
Coorg	*	*	*	383	23,822
North-West Frontier Province	493	572	...	1,055	7,153
Ajmer	*	*	*	1,576	213
Baluchistan	*	*	*	3	990
Andamans	*	*	*	154	15,398
Madras	*	*	*	5,864	79,437
Bombay	*	*	*	59,712	81,718
Total 1930-31	@	@	@	1,11,555	10,18,126

* Information not available.

@ Not totalled as the information was incomplete.

STATEMENT XIII.

Outturn of forest produce.

Province.	Reserved Forests.		Protected Forests.		Unclassed Forests.		TOTAL.		Average Outturn per Square Mile.							
	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.			Reserved Forests.		Protected Forests.		Unclassed Forests.		TOTAL.	
							Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.	Timber and fuel.	Minor produce.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.
Bengal	(a) 28,778,000	(a) 4,87,595	383,000	3,013	1,014,000	68,503	25,304,000	5,60,110	8,654	75	569	4	303	20	2,872	52
United Provinces	(a) 31,076,000	(a) 15,59,208	15,000	410	228,000	8,735	31,318,000	15,68,453	5,000	801	3,750	105	4,222	162	5,077	290
Punjab	(a) 9,701,000	(b) 5,30,870	11,772,000	10,85,308	5,183,000	3,07,737	20,080,000	(c) 10,23,021	0,863	346	4,037	335	0,355	557	5,609	393
Burma	35,467,000	4,16,673	...	...	50,600,000	8,10,639	02,270,000	7,30,302	1,180	14	...	...	013	3	754	0
Federated Shan States	2,450,000	28,540	...	...	2,312,000	1,34,301	4,702,000	1,02,507	773	9	...	...	109	6	104	0
Bihar and Orissa	4,435,000	1,13,904	0,033,000	1,20,850	...	...	10,403,000	2,43,853	2,405	63	4,045	100	...	...	3,431	81
Assam	(c) 5,207,000	(c) 2,18,500	...	...	10,203,000	1,38,551	15,400,000	7,52,541	846	35	...	...	688	36	734	30
Central Provinces	36,600,000	(a) 20,02,547	...	...	...	...	36,080,000	20,02,547	1,666	148	...	...	...	...	1,869	143
Coorg	276,277	21,377	183,011	373	...	...	458,183	21,552	530	41	...	...	...	...	588	41
North-West Frontier Province	(d) 3,224,000	(d) 91,823	...	...	...	...	3,324,000	94,873	13,169	387	...	...	...	...	13,150	387
Ajmer	477,319	51,081	...	...	...	...	477,319	51,081	8,265	362	...	...	...	...	8,385	362
Baluchistan	250,780	60,127	...	...	150,957	47	410,785	60,174	703	190	...	...	230	...	531	76
Andamans	173,745	2,767	...	...	3,760,511	5,731	3,034,580	8,408	3,341	53	...	...	1,750	3	1,708	4
Madras	(a) 21,141,000	11,81,550	...	...	(f) 8,801,000	4,05,850	21,502,000	19,50,000	1,115	61	...	...	10,090	2,814	1,280	60
Bombay	(a) 10,199,000	18,32,547	27,460,000	11,437	330,000	...	(h) 44,024,000	18,44,284	1,181	133	23,077	10	...	...	2,050	124
TOTAL 1920-31	100,580,140	64,77,581	48,851,011	12,30,411	83,420,778	18,78,810	322,553,829	1,25,80,554	1,708	88	7,800	190	015	14	1,293	50
" 1920-30	206,006,450	1,11,80,123	52,700,800	11,30,022	50,357,271	24,61,800	350,063,521	1,50,83,045	1,038	104	8,388	228	559	18	1,405	60
" 1928-30	223,243,569	1,04,07,130	54,847,053	14,77,342	80,098,058	32,03,898	361,160,586	1,51,78,310	2,100	87	8,695	231	730	23	1,457	60
" 1927-28	247,088,325	1,02,04,058	58,000,187	14,71,621	97,086,255	25,49,754	370,173,707	1,43,15,803	2,848	07	8,277	102	700	38	1,430	57
" 1926-27	248,248,014	90,01,593	21,480,107	25,44,058	93,800,685	20,54,352	302,035,003	1,45,87,903	2,368	86	2,101	202	060	21	1,438	53

(a) Includes leased forests.

(b) " Rs. 412 on account of fruit culture.

(c) " Rs. 61,742 on account of resin profit for 1920-30.

(d) " Rs. 10,193 " " 1920-30.

(e) " shared forests.

(f) Reserved and unreserved lands.

(g) Includes Gurara forests.

(h) Excludes 15780 c. ft. Sandal wood.

STATEMENT XIV.

Forest produce removed by different agencies.

Part I.—Timber and Fuel.

Province.	Timber.					Fuel.				
	By Govern- ment.	By purchasers.	By free grantees.	By right holders.	TOTAL.	By Govern- ment.	By purchasers.	By free grantees.	By right holders.	TOTAL.
1	2	3	4	5	6	7	8	9	10	11
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
Bengal	333,000	12,087,000	17,000	...	12,430,000	821,000	11,423,000	525,000	...	12,768,000
United Provinces	200,000	7,063,000	178,000	533,000	8,318,000	203,000	8,780,000	207,000	13,055,000	20,000,000
Punjab	1,222,000	1,350,000	131,000	1,140,000	3,853,000	1,400,000	2,437,000	88,000	21,008,000	25,834,000
Burma	2,783,000	34,338,000	116,000	550,000	37,683,000	825,000	51,035,000	54,000	1,707,000	54,551,000
Federated Shan States	19,000	3,545,000	20,000	210,000	4,103,000	40,000	490,000	2,000	175,000	629,000
Bihar and Orissa	72,000	1,013,000	62,000	307,000	2,473,000	255,000	2,810,000	65,000	4,805,000	7,895,000
Assam	571,000	0,100,000	747,000	...	7,418,000	478,000	3,825,000	3,621,000	7,000	7,901,000
Central Provinces	5,787,000	3,212,000	277,000	..	9,276,000	7,418,000	10,306,000	1,840,000	2,127,000	27,893,000
Coorg	128,832	114,321	...	...	243,153	50,135	166,500	...	..	216,635
North West Frontier Province	685,000	23,000	7,000	5,000	905,000	70,000	207,000	1,217,000	316,000	2,310,000
Ajmer . . . . .	...	4,202	...	113	4,315	210,004	232,010	..	...	472,004
Baluchistan	1,713	1,304	1,088	...	4,105	33,400	372,341	800	...	406,541
Andaman	2,357,317	15,029	30,565	162,500	2,505,031	887,022	15,073	316,730	209,280	1,420,555
Madras	1,707,000	2,070,000	204,000	34,000	4,015,000	1,108,000	10,189,000	112,000	60,000	20,467,000
Bombay	1,524,000	3,833,000	131,000	329,000	5,686,000	1,170,000	28,740,000	70,000	8,147,000	39,188,000
TOTAL 1920-21	17,080,852	75,018,540	1,978,873	3,006,013	80,133,028	16,591,251	140,914,121	7,970,480	53,243,280	223,710,135
" 1922-23	21,418,837	87,240,010	1,870,302	3,042,104	114,140,820	10,210,043	151,445,552	9,335,500	52,031,010	235,022,095
" 1924-25	20,007,720	98,543,784	1,833,030	4,170,432	125,050,006	23,700,008	153,570,552	9,302,240	62,373,700	230,138,500
" 1927-28	17,708,221	103,005,812	2,204,140	3,970,417	127,077,590	20,553,541	144,327,600	10,112,280	65,205,060	243,076,177
" 1929-30	18,498,108	102,220,343	1,062,645	3,592,607	126,544,593	10,174,573	157,304,870	10,003,320	40,008,000	235,481,373

STATEMENT XIV—*contd.*Forest produce removed by different agencies—*contd.*

Part II.—Value of minor forest produce.

Province.	Bamboos.					Grazing and Fodder Grass.					Other Minor produce.					
	By Govern- ment.	By purcha- sers.	By free grantees.	By right holders.	Total.	By Govern- ment.	By purcha- sers.	By free grantees.	By right holders.	Total.	By Govern- ment.	By purcha- sers.	By free grantees.	By right holders.	Total.	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	440	1,82,760	767	...	1,83,967	...	39,088	40,408	...	80,186	10,066	2,62,501	1,082	...	...	2,94,048
United Provinces	215	59,780	70	7,367	61,821	8,030	1,78,925	16,700	3,23,421	5,23,003	5,13,126	1,12,613	4,270	11,025	...	6,81,063
Punjab	13,883	3,640	...	618	18,072	61	1,37,700	42,702	14,01,063	16,83,003	2,88,442	11,220	16	22,685	...	3,22,263
Burma	541	2,32,543	40	6,712	2,42,821	16	20,384	55,285	1,35,476	2,01,203	8,203	2,40,062	45	43,000	...	2,92,279
Federated States . . . . .	...	5,760	...	1,600	7,160	...	8,740	9,608	9,318	19,677	101	1,32,155	190	8,043	...	1,86,585
Bihar and Orissa	907	53,000	1,474	4,164	59,545	...	8,602	161	1,08,404	1,17,320	2,182	50,328	154	8,424	...	60,983
Assam	20	61,004	6,223	...	67,227	1	75,153	10,157	22	85,363	61,801	3,52,078	1,62,725	...	...	5,99,951
Central Provinces	8,634	5,16,222	7,577	5,092	5,26,525	2,635	15,54,805	1,04,340	3,05,436	21,13,536	1,93,311	2,65,030	89,810	15,025	...	4,52,676
Coorg	65	1,700	20	...	1,804	...	600	4,003	110	5,038	...	13,810	3	...	...	13,821
North-West Frontier Province . . . . .	...	...	...	...	...	...	7,377	81	5,057	13,016	51,502	281	8	100	...	51,776
Ajmer . . . . .	...	801	...	...	801	2,405	20,712	1,456	22,505	27,657	850	2,397	...	...	...	2,693
Baluchistan . . . . .	...	...	...	...	...	...	1,716	504	69,410	65,720	800	1,073	17	17	...	4,464
Andamans	5	17	1,310	70	1,411	...	...	...	...	...	...	2,890	4,358	140	...	7,087
Madras	9,786	3,81,568	2,830	107	3,93,900	...	5,69,206	44,734	5,611	6,18,553	18,113	6,22,702	2,574	1,001	...	6,21,453
Bombay	00	1,40,734	1,847	50,035	1,52,600	...	6,40,854	10,527	7,78,670	11,46,100	10,588	1,32,550	3,160	40,010	...	1,50,428
TOTAL 1930-31	81,108	14,80,825	22,193	76,038	15,20,781	14,206	32,67,301	4,07,815	32,29,747	66,00,689	11,38,136	26,55,705	2,41,301	1,61,642	...	41,96,184
" 1929-30	82,503	10,08,061	20,287	88,764	16,20,781	9,114	31,04,407	3,63,111	31,18,080	72,56,381	11,80,499	30,36,770	2,09,149	6,27,877	...	60,58,510
" 1928-29	65,670	17,10,291	24,155	61,712	18,01,624	6,800	30,07,677	3,77,603	37,12,754	17,04,203	11,32,010	30,48,251	2,63,045	2,31,646	...	15,62,709
" 1927-28	65,116	16,62,111	40,504	10,761	19,90,505	9,657	33,48,831	3,00,370	33,65,514	70,82,331	13,60,149	36,10,053	2,51,018	1,00,044	...	64,02,164
" 1926-27	70,167	10,06,690	39,244	27,006	18,68,807	27,028	35,58,077	7,07,111	32,80,500	71,01,771	17,60,171	38,05,037	2,60,683	1,03,404	...	56,07,735

STATEMENT XV.
Exports of forest produce.

Articles of forest produce.	Quantity in tons of 20 cwt. (in the case of teak and other timbers, cubic tons).		Valuation at port of shipment in 1930-31.	
	Average of 5 years 1925-26 to 1929-30.	In 1930-31.	Total.	Per ton.
1	2	3	4	5
			Rs.	Rs.
Caoutchouc, raw	10,021	10,414	1,29,75,168	1,246
{ Button	1,092	1,184	17,22,321	1,453
Lac { Shell	22,740	18,321	2,28,64,806	1,248
{ Stick, seed and other kinds	7,038	7,853	67,66,595	864
Cutch and gambier	2,371	2,407	9,00,968	374
Myrabolams	68,140	65,178	77,71,877	119
Cardamums	401	674	22,43,938	3,329
Sandal	948	708	11,83,743	1,673
Teak	54,735	40,211	1,17,08,389	291
Other kinds of wood and timber* . . . . .	...	...	11,54,751	...
TOTAL 1930-31 . . . . .	...	...	6,93,12,149	...
" 1929-30 . . . . .	...	...	11,66,44,764	...
" 1928-29 . . . . .	...	...	13,49,23,646	...
" 1927-28 . . . . .	...	...	12,73,46,767	...
" 1926-27 . . . . .	...	...	10,63,80,009	...

* Quantity not recorded.

STATEMENT XV (a).

Year (calendar).	Imports of timber into British India, 1927-1931.		Imports of sleepers of wood for railways into British India, 1927-1931.	
	Cubic tons.	Rs.	Tons.	Rs.
1927	26,002	33,44,387	14,704	16,60,677
1928	23,860	28,90,525	1,950	2,27,845
1929	26,544	31,83,922	8	1,282
1930	26,413	36,03,907	...	...
1931	17,948	20,31,273	...	...

STATEMENT XVI.

Estimated value of forest produce given away free or at reduced rates.

Province.	Timber.	Fuel.	Bamboos.	Grass and grazing.	Other minor produce.	Total.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal	862	11,538	767	46,455	1,652	61,804
United Provinces	89,000	1,26,000	7,000	...	55,000	2,77,000
Punjab	78,078	9,26,885	...	...	14,68,571	24,73,937
Burma	63,196	10,883	9,781	1,60,761	42,138	3,06,712
Federated Shan States	11,109	1,437	1,907	15,826	3,222	36,501
Bihar and Orissa	53,112	17,381	4,541	1,08,658	5,576	2,29,666
Assam	48,330	41,663	13,394	12,257	1,77,742	2,96,394
Central Provinces	25,693	75,896	13,357	13,64,781	86,080	15,15,747
Cooch	51	...	29	5,629	2	5,111
North-West Frontier Province	2,424	42,961	...	5,768	105	51,258
Ajmer	43	...	...	24,381	...	24,424
Baluchistan	272	...	...	51,021	...	54,293
Andamans	15,805	4,933	1,390	...	4,496	26,626
Madras	31,697	20,707	2,627	21,293	3,017	79,370
Pombay	1,11,047	1,66,575	51,685	7,98,912	42,684	11,71,803
TOTAL 1930-31	5,31,058	14,90,101	1,06,634	26,38,041	18,40,752	66,08,556
" 1929-30	4,32,035	12,73,033	1,35,432	23,07,166	21,53,103	66,31,051
" 1928-29	5,65,892	12,71,652	1,36,353	22,30,338	24,53,827	66,58,602
" 1927-28	6,02,635	15,10,291	1,45,106	22,67,448	21,33,463	69,58,964
" 1926-27	5,91,572	14,36,747	1,42,861	21,52,169	21,31,531	67,57,880

STATEMENT XVII.

Details of revenue and expenditure for the financial year 1930-31.
(Excluding Burma and Federated Shan States)

		Rs.	Percentage of each item to total.
Gross Receipts	(a) Wood	2,29,77,499	72.7
	(b) Minor forest produce	27,60,658	8.7
	(c) Forest stamps and Commutation fees for forest produce	92,694	0.3
	(d) Grazing	35,48,864	11.2
	(e) Revenue from forests not managed by Government	1,31,324	0.4
	(f) Miscellaneous	22,07,470	6.7
	Total Revenue	3,16,16,009	—
Expenditure	A Recurring	(i) Superior Staff	
		(ii) Subordinate Staff (including Rangors, Foresters and Guards).	
		(iii) Office Establishments (including Contingencies).	1,40,94,323
		(1) Extraction	68,21,920
		(2) Roads and Buildings	14,25,321
		(3) Fire protection	2,91,570
		(4) Cultural operations	8,15,825
		(5) Live-stock, stores and plant	4,60,103
		(6) Working-Plans	16,941
		(7) Rent for leased forests	2,74,672
		(8) Miscellaneous	3,25,464
		(c) Expenditure on realization of revenue from forests not managed by Government.	17,554
		(d) Forest Science and Education (including all "A" and "B" charges of Forest College and Research Institute).*	—
		Total	2,45,54,705
			—
B Extraordinary	(e) Forest Settlement	743	0.0
	(f) Forest Survey	9,238	0.3
	(g) Forest Demarcation	72,126	2.8
	(h) Gain or loss by Exchange on English transactions, interest on capital outlay, etc.	10,85,281	33.5
	(i) Share of Capital charges transferred to S-A	19,78,464	63.8
	Total	30,80,860	—
GRAND TOTAL OF EXPENDITURE		2,76,41,565	—
Net Revenue		39,75,444	—
(Excluding Burma and Federated Shan States.)			

* Expenditure under this head in provinces has been included in (a) Administration.

STATEMENT XVII(a).

Details of revenue and expenditure for the financial year 1930-31.
(Harnam and Federated Shan States only.)

			Rs.	Percentage of each item to total.
Gross Receipts	(1) Wood		1,32,61,630	51.6
	(2) Minor forest produce		3,54,783	2.3
	(3) Grazing		21,181	0.2
	(4) Revenue from forests not managed by Government		257,171	1.0
	(5) Miscellaneous		17,70,013	11.3
Total Revenue			1,56,65,680	100
A Forestry	(a) Administration	(i) Superior Staff		
		(ii) Subordinate staff (including Ranger, Foresters and Guardial, and Office Staff) (including Contingent)	21,22,673	77.5
	(b) Working	(1) Extraction	3,30,570	8.9
		(2) Rents and Buildings	2,59,375	5.8
		(3) Fire protection	25,150	0.3
		(4) Fire stock, stores and plant	2,42,625	3.7
		(5) Working Staff, provision and maintenance	47,000	0.7
		(6) Maintenance of equipment	37,177	0.6
		(7) Regeneration and improvement	1,68,100	2.5
		(8) Scientific and Research	7,207	0.1
		(9) Unforeseen Reserve	—	—
		(10) Other Works	1,71,270	2.0
		(11) Miscellaneous	1,29,171	2.1
		Total . . . . .			65,11,723	100
B Finance	(1) Forest Survey	—	—	
	(2) Gain or loss by Exchange on English transactions, interest on capital or loans, etc.	2,10,274	12.8	
	(3) Share of capital charges transferred to F.A.	7,50,146	73.7	
Total			9,60,420	100
Grand Total of Expenditure			74,72,143	100
Rs. Balance			81,93,537	100
(Harnam and Federated Shan States only.)				

Summary of revenue and expenditure of the

Budget Heads.	Imperial.	Bengal.	United Provinces.	Punjab.	Burma (includes Federated Shan States and backward tracts).	Bihar and Orissa (includes Alighi Division).	Assam.
1	2	3	4	5	6	7	8
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
REVENUE.							
I.—Timber and other produce recovered from the forests by Government agencies	...	4,18,731	1,50,763	15,44,065	11,41,422	5,147	5,54,160
II.—Timber and other produce recovered from the forests by non-Government agencies.	...	16,12,400	7,64,037	9,26,079	1,37,54,773	7,30,679	14,68,497
III.—Drift and waste wood and confiscated forest produce.	...	9,127	1,234	1,26,663	1,56,101	571	23,220
IV.—Revenue from forests not managed by Government.	27,400	1,439	2,27,171	...	69,353
V.—Miscellaneous	...	65,772	1,71,027	8,40,513	7,64,270	31,710	1,47,910
TOTAL REVENUE	...	17,12,010	69,77,114	23,12,139	1,26,60,559	8,11,407	20,63,077
EXPENDITURE							
A.—CONSERVATION, MAINTENANCE AND REGENERATION.							
I.—In connection with the forests managed by Government.	...	1,71,223	2,67,842	8,72,773	89,571	6,620	1,00,496
II.—Timber and other produce recovered from the forests by non-Government agencies.	...	1,75,520	2,31,440	1,100	1,30,837	21,225	41,108
III.—Drift and waste wood and confiscated forest produce.	...	1,122	129	31,777	4,110	56	632
IV.—Revenue from forests not managed by Government.	15,424	...	2,475	1,100	...
V.—Cost of land for the establishment of forests in the land revenue department.	7,012	1,29,841	...	2,000	12,576
VI.—Livestock, stores, tools and plant.	...	2,167	7,000	1,027	2,41,625	3,700	25,642
VII.—Communications and buildings.	...	1,00,713	3,29,800	60,011	5,50,170	82,607	2,41,323
VIII.—Development, improvements and extension of forests.	...	1,00,202	3,30,077	8,072	4,24,623	43,450	13,079
IX.—Miscellaneous	...	17,407	1,100	2,000	1,27,651	13,450	21,212
Total A.—Conservation, Maintenance and Regeneration.	...	6,61,812	13,42,766	10,70,072	11,89,077	1,51,620	9,45,053
B.—DEVELOPMENT.							
Total B.—Total Development (includes salaries, travelling and other allowances and carrying charges).	...	1,00,422	8,70,100	17,43,110	11,23,021	5,00,800	6,06,533
C.—Total gain or loss by exchange on Government transactions, interest on capital outlay, etc.	...	4,211	72,600	1,21,071	2,40,374	43,110	10,238
D.—Total share of Capital charges transferred to S.A. (i.e., Capital charges met from Revenue).	...	72,423	74,150	1,67,112	7,00,147	...	1,03,783
E.—Total Capital Outlay under S.A. (i.e., not transferred to S.A.).	1,00,422	21,800
GRAND TOTAL OF EXPENDITURE (Excluding expenditure under F)	...	1,07,552	15,93,420	28,74,293	20,52,271	7,51,630	21,10,150
Surplus (Excluding expenditure under F)	...	7,10,458	10,97,100	1,41,867	1,38,282	70,787	1,10,480
Deficit	...	1,00,552	...	4,10,000	...	...	...
Proportion of surplus to gross revenue	...	31	31	31	31	31	31
Net revenue per square mile of forest area under control of Forest Department.	...	68	321	31	31	31	31

(a) Work advances after deducting expenditure under IX—Miscellaneous.

(b) Includes Rs. 1,23,557 on account of Chongli Timber Operations.

MENT XVIII.

Forest Department in India for the financial year 1930-31.

Central Provinces and Berar.	Coorg.	North-West Frontier Province.	Ajmer.	Baluchistan.	Andamans.	Forest College and Research Institute.	Madras.	Bombay.	Total.
9	10	11	12	13	14	15	16	17	18
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
17,01,613	2,50,931	7,39,063	41,450	6,078	10,19,400	...	15,14,957	18,45,119	1,25,81,907
20,80,095	46,311	17,944	41,054	11,821	3,801	...	30,80,031	29,43,526	3,07,45,502
1,391	...	10,224	...	0	...	...	3,54,477	2,236	7,29,833
18,554	...	9,536	...	4,796	...	...	...	23,252	3,88,495
4,09,241	11,631	27,075	9,769	6,576	14,369	90,605	3,00,022	4,09,570	28,41,123
51,11,891	3,09,073	8,03,002	95,273	29,277	10,37,596	90,605	52,00,087	52,23,753	4,72,86,659
6,68,451	46,451	4,60,032	27,129	2,346	9,89,701	...	6,48,425	11,19,323	59,14,377
2,03,778	...	...	765	...	660	...	2,07,666	51,734	11,47,214
125	...	4,079	...	...	...	...	855	...	91,205
...	...	...	...	...	...	...	...	...	23,077
16,503	...	20,635	...	292	...	...	7,536	37,591	2,71,672
20,196	17,616	...	323	150	1,53,461	12,013	1,05,294	19,747	7,11,731
1,97,123	14,545	50,072	13,449	972	4,313	1,769	1,78,608	1,34,187	11,75,893
1,95,506	41,462	8,554	2,808	1,297	22,601	...	1,59,165	1,80,058	16,33,498
36,853	2,874	7,177	436	490	9,523	2,15,111	12,476	89,105	4,56,993
18,41,702	1,22,078	5,72,210	44,410	5,556	11,50,524	2,28,696	13,19,524	15,87,002	1,20,81,560
22,92,642	1,04,051	1,81,418	31,217	96,169	1,60,033	7,02,511	27,68,305	24,19,891	1,92,17,015
1,04,178	16,208	23,377	1,134	...	48,625	8,125	1,61,918	2,18,780	12,64,616
1,29,295	56,113	37,631	4,060	...	3,31,836	20,935	4,37,114	1,75,870	26,72,610
39,561	...	...	...	...	...	...	...	...	9,11,217
89,60,517	2,07,379	8,13,706	89,821	41,725	17,27,018	9,69,467	46,79,321	43,51,586	3,52,05,803
11,61,077	11,783	...	11,457	...	2,10,578	...	5,82,766	8,72,167	1,35,91,900
...	...	...	...	12,448	...	8,78,802	...	...	15,10,334
32	4	...	18	...	11	...	11	15	29
53	28	...	21	...	56	...	31	70	53

Revenue of the Forest Department throughout India for the 32 financial years

(I) REVE

Province.	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89	Average of 1889-90 to 1893-94	Average of 1894-95 to 1898-99	1899-1900	1900-01.	1901-02.	1902-03.	1903-04.	1904-05.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial	2,175	81,717	25,429	10,866	5,147	9,688	6,090	2,463	3,484	3,559	7,455	3,768
Bengal*	1,64,368	2,89,772	6,06,578	6,81,384	7,66,431	10,40,364	11,38,910	12,33,339	12,92,237	12,56,247	10,65,523	11,67,472
United Provinces	12,59,979	12,21,650	11,34,615	14,63,525	15,89,190	15,81,824	16,14,740	15,65,463	17,15,508	20,25,324	20,80,446	23,97,318
Punjab	6,87,423	7,05,558	7,87,338	9,11,950	9,00,417	11,89,510	14,00,770	13,50,842	14,47,558	15,86,408	17,17,797	18,74,443
Burma	8,91,298	14,29,175	19,88,356	23,01,318	49,78,654	66,15,542	78,12,050	80,54,444	58,73,838	67,39,053	82,68,635	89,59,756
Bihar and Orissa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assam† . . . . .	...	1,01,098	1,91,887	2,82,055	3,82,750	4,15,912	5,68,100	5,49,521	5,12,963	5,80,200	6,75,732	8,15,677
Central Provinces and Berar	7,41,879	9,79,936	12,81,992	14,11,163	16,98,505	18,75,958	12,97,490	12,65,614	15,79,116	16,84,428	19,98,032	20,18,480
Coorg	92,491	78,887	1,03,170	1,13,024	1,53,186	1,83,456	1,62,410	1,37,596	1,70,242	1,90,780	2,24,081	1,93,067
North-West Frontier Province . . . . .	...	...	...	...	...	...	...	...	13,012	1,01,123	1,01,633	90,991
Ajmer	65	1,152	4,475	11,859	15,233	14,162	10,270	10,546	6,865	9,736	19,684	17,297
Baluchistan . . . . .	...	...	8,556	10,973	17,908	15,330	17,060	16,956	14,712	19,336	18,363	22,555
Andamans	5,467	4,485	34,840	57,683	2,70,028	2,54,438	2,60,600	2,77,686	2,66,903	3,26,035	4,83,381	6,20,796
Forest College and Research Institute . . . . .	...	...	...	397	1,636	3,040	3,210	3,697	8,545	3,252	3,038	3,557
Forest Surveys (Imperial) . . . . .	...	17	139	206	668	300	420	927	473	3,034	481	...
Madras	6,03,243	5,88,369	8,06,020	13,00,481	17,14,328	31,10,988	23,02,290	23,40,170	25,43,430	26,18,819	26,57,727	28,29,216
Bombay	11,77,673	12,28,561	18,93,816	30,11,314	38,54,893	30,46,244	24,15,200	29,61,629	23,70,729	23,29,156	27,51,539	30,20,558
GRAND TOTAL	56,80,061	66,60,397	68,17,213	1,16,68,148	1,59,49,014	1,77,15,756	1,90,09,010	1,97,70,493	1,78,23,715	1,94,71,540	2,22,16,747	2,40,29,950

Province.	1917-18.	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.	1923-24.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial	51,720	27,438	24,527	27,122	27,603	26,553	29,551
Bengal	18,70,969	19,44,704	20,51,237	21,64,763	18,98,959	23,11,226	22,61,615
United Provinces	61,16,697	66,37,166	74,71,954	87,70,781	86,46,677	53,72,803	73,58,029
Punjab	21,17,776	21,54,178	38,45,878	38,05,058	40,01,178	34,44,443	43,86,533
Burma	1,23,71,499	1,25,28,852	1,64,35,262	1,89,75,060	2,21,16,787	1,89,43,952	1,94,92,399
Bihar and Orissa	7,53,625	9,44,763	8,17,458	8,10,602	9,00,373	8,81,904	10,29,085
Assam	18,09,956	14,92,718	14,81,590	15,31,944	12,97,087	17,13,853	19,74,292
Central Provinces and Berar	34,66,493	34,88,422	45,46,723	49,94,526	41,83,698	47,06,979	51,04,929
Coorg	4,58,073	6,77,873	9,48,028	4,27,351	17,38,731	9,42,653	7,00,947
North-West Frontier Province	3,37,711	3,81,322	4,62,541	2,19,779	5,74,853	7,27,650	5,33,892
Ajmer	27,733	87,280	81,014	48,112	40,812	43,978	55,422
Baluchistan	17,934	25,108	17,037	22,544	17,229	14,939	22,403
Andamans	7,93,656	11,84,368	8,00,795	6,24,374	5,50,098	5,89,027	6,11,882
Forest College and Research Institute	8,804	9,983	8,808	12,648	24,117	1,84,768	1,67,339
Forest Surveys (Imperial) . . . . .	...	...	...	...	...	...	...
Madras	54,58,489	47,91,460	62,34,149	65,81,240	48,09,171	52,72,956	54,75,557
Bombay	63,12,022	1,04,94,031	84,94,438	68,98,585	74,93,563	70,37,384	71,49,604
GRAND TOTAL	4,09,69,257	4,68,18,281	5,20,75,735	5,41,48,495	5,83,16,071	5,52,14,072	5,62,90,819

* Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
† Includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred.
(a) Includes Federated Shan States.

MENT XIX.

from 1899-1900 to 1930-31 and the average of 6 quinquennial periods from 1869-70 to 1898-99.
NUE.

1903-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
7,355	...	7,666	8,189	10,632	8,662	10,680	12,837	11,471	12,017	23,457	24,546	Imperial.
11,18,512	10,65,859	11,07,650	11,81,845	10,80,610	11,67,444	11,23,442	10,00,601	15,16,111	13,04,490	11,45,610	13,38,778	Bengal.*
24,33,428	25,02,661	24,09,745	21,75,406	23,01,161	23,78,439	30,16,100	35,43,063	37,12,487	31,85,235	37,88,631	50,40,932	United Provinces.
17,81,613	16,05,284	14,57,449	12,88,793	10,82,633	12,17,988	19,10,077	12,30,033	13,54,913	14,38,005	17,37,288	16,87,801	Punjab.
1,03,29,869	98,12,519	86,63,989	91,92,032	93,89,077	1,00,70,117	99,67,591	1,00,22,393	1,14,25,430	97,07,694	96,99,217	1,23,79,531	Burma.
...	...	...	...	...	...	4,07,213	4,38,958	4,01,735	5,49,779	5,17,727	5,29,081	Bihar and Orissa.
11,06,006	13,20,592	14,30,447	14,46,368	15,54,732	18,90,635	11,46,320	11,42,091	10,97,969	8,32,877	10,55,052	11,48,621	Assam.†
24,49,131	24,01,159	22,90,128	20,78,162	20,78,340	21,14,226	25,49,854	31,71,815	31,86,458	32,72,520	32,78,262	33,71,578	Central Provinces and Berar.
2,45,419	2,35,009	2,74,756	2,24,330	2,13,129	2,76,056	2,95,170	2,81,652	3,20,227	1,99,237	4,49,155	4,87,314	Coorg.
1,28,529	1,83,214	2,35,490	1,22,782	1,73,305	2,05,342	1,59,171	2,37,183	2,66,741	2,38,013	1,80,815	2,40,985	North-West Frontier Province.
15,002	18,375	29,864	27,615	23,930	33,840	26,301	36,506	33,697	81,170	23,415	21,272	Ajmer.
21,481	21,105	24,829	23,305	18,729	23,212	29,117	20,159	19,958	19,058	21,633	19,277	Baluchistan.
5,62,511	6,07,027	6,10,622	3,02,018	2,59,177	4,16,773	5,22,160	4,49,925	4,45,611	3,39,218	4,34,784	6,49,711	Andamans.
3,080	4,579	6,187	4,680	4,009	1,099	5,550	7,611	5,806	8,617	6,993	8,199	Forest College and Research Institute.
...	...	...	...	...	...	...	...	...	...	...	...	Forest Surveys (Imperial).
29,67,604	32,93,669	35,03,830	35,90,019	41,78,351	38,60,411	41,68,921	41,12,473	43,00,320	39,41,537	41,06,638	45,96,126	Madras.
38,84,993	31,23,431	36,46,177	35,87,356	37,57,650	37,18,224	43,30,563	49,92,519	51,03,156	46,60,242	47,01,263	55,19,177	Bombay.
2,66,74,593	2,74,91,456	2,59,62,979	2,51,56,790	2,60,25,794	2,74,65,454	2,90,57,359	3,22,09,609	3,33,61,515	2,97,00,781	3,11,16,367	3,76,61,970	GRAND TOTAL.

1914-25.	1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	1930-31.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
37,100	...	...	...	...	...	...	Imperial.
24,75,540	28,16,420	31,23,841	33,49,450	31,18,337	30,52,076	23,12,019	Bengal.
69,21,987	61,26,281	53,71,303	72,01,183	61,80,391	61,79,638	49,76,118	United Provinces.
37,27,312	41,12,076	39,07,731	34,91,217	35,23,025	31,67,771	23,61,899	Punjab.
1,96,77,224	2,23,16,519	2,35,91,000	2,21,07,668	1,81,03,113	2,03,66,194	1,56,68,850	Burma.
10,70,263	10,28,592	9,43,782	9,35,760	10,97,161	9,69,275	8,11,407	Bihar and Orissa.
21,75,756	21,39,110	31,33,473	36,13,460	37,67,873	35,20,008	22,63,077	Assam.
23,32,632	49,87,409	53,21,376	59,78,109	54,16,316	59,97,598	54,11,894	Central Provinces and Berar.
6,63,030	5,38,518	4,58,145	4,99,372	5,25,676	5,72,031	3,09,073	Coorg.
6,09,767	7,14,207	7,91,166	7,56,700	8,29,377	8,61,977	8,03,903	North-West Frontier Province.
66,062	72,759	66,931	76,515	57,024	93,503	25,278	Ajmer.
20,493	29,621	27,943	23,567	27,425	21,300	39,277	Baluchistan.
7,23,197	8,01,029	11,70,653	14,18,062	15,00,796	23,06,618	19,87,596	Andamans.
1,02,579	1,05,697	2,74,025	1,16,167	1,06,001	1,03,866	90,095	Forest College and Research Institute.
...	...	...	...	...	...	...	Forest Surveys (Imperial).
55,69,622	51,70,320	56,23,708	53,41,131	67,51,779	64,64,825	52,63,997	Madras.
75,07,964	75,23,038	76,10,429	72,94,071	73,19,035	79,74,954	83,23,775	Bombay.
5,67,41,632	5,03,70,825	5,10,61,731	6,13,00,130	5,76,00,117	6,13,22,661	4,72,88,849	GRAND TOTAL.

Orissa.
to Central.

(b) Excludes Rs. 52,181 deducted on account of refund.

Expenditure of the Forest Department throughout India for the 32 financial years

(II) EXPEN

Province.	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89	Average of 1889-90 to 1903-01	Average of 1894-95 to 1898-99	1899-1900	1900-01	1901-02	1902-03	1903-04	1904-05
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	63,685	67,102	80,454	67,185	84,125	82,616	96,550	83,578	79,539	85,017	89,845	83,058
Bengal†	1,11,084	2,12,024	3,55,117	3,04,847	4,04,147	5,38,659	5,45,210	5,70,806	6,57,181	6,88,014	7,08,508	6,88,569
United Provinces	9,63,005	8,39,709	8,88,658	9,17,889	9,46,423	9,85,078	9,42,380	9,63,439	10,08,739	10,13,908	10,81,438	13,91,583
Punjab	8,29,326	5,57,148	5,41,212	6,44,372	6,46,374	7,50,224	12,11,460	8,87,348	9,88,385	9,60,005	11,56,415	10,12,354
Burma	4,02,847	8,12,279	10,12,512	13,22,421	16,72,383	21,20,642	21,47,410	26,54,717	26,46,457	28,90,263	33,52,404	34,46,924
Bihar and Orissa . . . . .	...	...	...	...	...	...	...	...	...	...	...	...
Assam† . . . . .	...	88,293	1,62,460	2,11,655	2,68,159	2,86,870	3,57,140	3,47,972	3,29,112	3,27,498	4,25,484	5,03,650
Central Provinces and Berar	8,99,072	4,33,734	6,13,539	7,37,805	10,10,637	11,78,660	12,75,820	11,65,866	12,00,004	12,57,288	12,80,966	18,20,615
Coorg	40,631	36,591	62,248	73,907	77,016	82,146	74,220	70,905	82,333	89,437	92,191	68,620
North-West Frontier Province . . . . .	...	...	...	...	...	...	...	...	19,510	51,066	60,603	74,958
Ajmer	6,197	18,692	18,197	17,620	14,061	16,722	15,850	16,782	15,927	16,377	16,680	15,611
Baluchistan . . . . .	...	...	12,591	16,180	30,452	33,508	28,680	29,254	24,480	23,240	21,697	21,672
Andamans	739	481	5,129	41,108	1,76,139	1,65,428	1,40,940	1,40,137	2,04,667	2,81,702	2,66,121	3,42,431
Forest College and Research Institute . . . . .	...	...	...	26,716	45,023	65,120	73,550	71,238	76,290	66,336	59,839	61,424
Forest Surveys (Imperial).	11,911	63,268	40,447	21,477	21,491	31,936	31,980	33,991	33,730	38,985	33,935	23,229
Madras	4,55,634	5,76,976	6,20,660	10,67,521	12,85,113	15,06,756	16,53,530	17,15,431	17,09,554	18,35,552	17,50,930	19,86,095
Bombay	6,48,046	8,70,487	12,51,293	18,41,812	19,00,769	19,81,682	21,26,430	24,08,581	17,19,680	16,76,441	17,75,937	19,03,604
GRAND TOTAL	39,33,430	45,76,804	56,09,579	74,26,956	86,03,332	97,96,140	1,10,24,680	1,11,60,040	1,07,46,388	1,12,49,331	1,21,66,993	1,29,67,856

Province.	1917-18	1918-19	1919-20	1920-21	1921-22	1922-23	1923-24
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	90,332	1,10,638	1,32,777	1,68,993	2,57,011	4,33,494	1,44,460
Bengal	7,38,712	8,25,835	9,72,307	18,96,750	12,68,122	12,81,249	12,42,672
United Provinces	82,04,028	45,98,963	61,55,475	70,43,578	74,04,688	61,58,486	49,50,695
Punjab	11,58,018	17,95,804	24,16,120	35,75,719	43,76,076	49,06,871	29,16,035
Burma	51,87,179	56,91,982	65,38,206	73,07,014	90,83,094	99,72,140	1,03,02,159
Bihar and Orissa	3,90,716	4,30,819	5,06,000	5,89,118	9,94,665	7,17,531	7,50,657
Assam	6,86,627	6,90,961	8,21,717	9,66,601	9,91,511	11,14,631	11,59,845
Central Provinces and Berar	18,72,124	20,15,518	23,76,230	27,33,601	27,15,821	30,34,417	30,41,108
Coorg	1,99,011	4,25,572	5,07,547	4,68,758	6,30,645	5,86,067	5,65,598
North-West Frontier Province	1,53,875	2,07,857	3,01,153	4,54,197	7,49,381	6,12,368	1,58,567
Ajmer	26,501	28,503	47,232	37,417	41,320	30,840	49,454
Baluchistan	29,990	28,787	25,314	28,761	53,275	36,468	31,440
Andamans	3,97,724	6,12,826	9,71,491	13,27,930	12,87,027	8,05,181	8,96,214
Forest College and Research Institute	2,89,694	2,98,018	3,18,103	4,57,484	7,32,821	7,89,536	7,75,642
Forest Surveys (Imperial)	56,507	50,110	59,958	90,418	7,07,113	1,10,935	95,944
Madras	30,20,319	31,82,520	36,93,318	45,30,486	51,15,336	47,89,463	46,83,826
Bombay	33,53,714	78,72,107	59,18,682	53,05,022	50,23,946	40,14,344	44,01,021
GRAND TOTAL	2,11,57,063	2,88,75,505	3,17,63,109	3,64,19,907	4,08,51,878	3,93,12,041	3,55,15,369

* Includes pay of Inspector-General of Forests, Assistant Inspector General of Forests.
† Includes figures up to 1910-11 for districts subsequently transferred to Bihar and
2. Includes figures up to 1910-11 for Eastern Bengal districts, subsequently transferred
(a) Includes Federated Shan States.
(b) Includes Rs. 1,25,597 on account of Chengin Timber Operations.

MENT XIX—contd.

from 1899-1900 to 1930-31 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

DITURE.

1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Provinces.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
88,767	95,472	1,00,204	1,04,183	1,04,332	92,606	94,714	1,04,162	90,296	99,473	1,09,502	1,03,248	Imperial.*
5,93,509	6,33,386	7,13,391	5,83,991	5,91,099	6,43,235	7,00,374	6,60,794	6,40,157	6,70,035	5,93,635	6,19,649	Bengal.†
14,05,182	13,06,651	11,91,013	12,22,436	12,00,308	12,37,935	13,63,678	16,29,264	18,06,014	23,17,740	25,68,807	27,35,915	United Provinces.
12,65,661	11,41,403	11,76,606	8,51,627	6,67,752	7,40,512	7,65,146	7,90,176	9,19,177	8,89,302	9,23,878	9,34,682	Punjab.
39,38,003	36,59,733	35,51,532	37,17,247	36,63,618	38,42,799	41,31,162	41,33,584	42,74,001	46,80,447	48,86,241	49,30,538	Barma.
...	...	...	...	...	...	8,00,016	3,75,804	3,55,648	3,84,371	3,61,550	4,47,972	Bihar and Orissa.
5,33,910	7,07,860	8,00,373	8,91,349	10,12,541	10,87,310	8,41,013	8,08,911	9,10,240	8,98,339	7,55,214	6,76,093	Assam.‡
13,07,153	13,42,593	15,53,407	17,53,307	15,56,832	15,80,533	18,38,970	19,46,735	19,53,129	19,36,569	17,34,336	17,68,775	Central Provinces and Berar.
95,748	1,02,855	1,04,819	99,593	1,07,822	1,07,670	1,21,174	1,61,544	1,78,514	1,75,833	1,76,633	1,60,492	Coorg.
95,235	92,650	88,400	81,413	77,391	72,492	89,436	1,22,170	1,31,023	1,25,539	1,04,795	1,18,070	North-West Frontier Province.
17,181	16,716	18,168	19,010	19,272	19,018	22,343	29,714	23,595	21,733	25,152	26,631	Ajmer.
25,713	26,322	31,258	36,586	26,519	26,387	28,947	25,527	25,810	26,000	27,025	26,929	Baluchistan.
3,35,935	2,93,136	2,29,267	1,80,941	1,94,159	2,26,963	2,61,732	2,55,141	2,74,676	2,53,056	4,30,633	4,25,652	Andamans.
80,669	1,37,486	1,58,036	1,69,191	1,96,174	2,10,163	2,63,441	2,68,445	3,03,338	3,31,091	2,78,518	3,05,498	Forest College and Research Institute.
30,044	30,899	27,060	39,128	41,062	41,140	38,798	35,609	37,743	42,353	43,663	47,407	Forest Surveys (Imperial).
22,26,602	21,80,660	27,50,837	29,17,261	33,39,635	32,25,801	34,14,882	31,59,482	29,35,817	28,60,685	22,27,818	23,42,678	Madras.
21,26,093	10,90,183	19,55,427	20,43,673	20,63,068	20,70,417	20,61,436	20,91,455	25,59,877	21,67,025	26,42,038	25,64,631	Bombay.
1,42,20,521	1,49,63,319	1,45,12,933	1,47,26,034	1,49,20,654	1,42,41,023	1,60,46,566	1,73,07,810	1,75,43,455	1,82,06,450	1,85,02,607	1,87,43,883	GRAND TOTAL.

1924-25.	1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	1930-31.	Provinces.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1,03,595	1,15,903	1,23,858	61,601	59,361	61,193	(b) 1,93,282	Imperial.*
14,17,471	12,09,968	17,34,761	17,02,453	16,82,191	16,65,160	15,95,129	Bengal.
36,84,095	36,93,310	33,73,499	39,93,303	32,43,716	33,68,710	32,78,623	United Provinces.
26,14,468	27,01,310	27,03,350	29,51,671	21,03,319	20,69,107	28,01,161	Punjab.
(a) 90,28,313	(a) 86,57,943	(a) 69,40,894	(a) 68,37,658	(a) 81,24,771	(a) 78,03,595	(a) 75,61,238	Barma.
7,90,897	6,67,624	10,83,069	6,63,371	8,50,373	9,02,662	7,34,695	Bihar and Orissa.
13,30,853	15,67,063	14,47,506	14,45,707	21,22,366	22,20,302	21,16,589	Assam.
31,71,663	33,45,729	36,49,631	34,99,468	36,40,259	39,75,653	39,60,817	Central Provinces and Berar.
3,58,751	3,05,335	2,84,770	2,50,180	2,05,133	3,11,454	2,97,350	Coorg.
5,58,713	5,47,321	6,40,710	6,91,414	8,74,935	8,40,218	8,13,798	North-West Frontier Province.
49,125	53,161	79,718	82,854	76,355	81,206	83,821	Ajmer.
30,478	31,358	33,422	31,010	36,578	37,651	41,795	Baluchistan.
11,53,699	11,35,063	12,20,097	11,50,694	13,28,927	16,47,454	17,27,018	Andamans.
8,26,363	8,14,033	8,96,363	9,35,361	9,41,737	9,91,831	9,69,407	Forest College and Research Institute.
...	...	...	...	...	...	...	Forest Surveys (Imperial).
59,72,459	45,23,230	50,30,814	47,60,591	47,59,403	43,18,627	40,79,321	Madras.
43,82,317	42,07,626	43,69,516	40,11,781	41,92,415	46,78,278	43,51,556	Bombay.
3,52,07,683	3,39,63,202	3,50,06,316	3,58,81,054	3,59,61,269	3,63,03,513	3,52,05,863	GRAND TOTAL.

...and charges on Indore and Bangalore... Excludes nona charges.

On the Establishment, and distributable and petty local items and revenues and charges, on Indore and Banarase... Excludes minor charges.
 Orissa.
 to Bengal.

Surplus of the Forest Department throughout India for the 32 financial years

(III) SUR

Provinces.	Average of 1869-70 to 1873-74	Average of 1874-75 to 1878-79	Average of 1879-80 to 1883-84	Average of 1884-85 to 1888-89	Average of 1889-90 to 1893-94	Average of 1894-95 to 1898-99	1899-1900.	1900-01.	1901-02	1902-03.	1903-04.	1904-05.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	-61,510	-35,385	-55,025	-76,260	-78,978	-78,128	-90,460	-81,115	-76,055	-81,358	-81,890	-79,290
Bengal†	53,254	77,748	2,51,431	2,37,037	3,62,284	5,10,712	5,93,700	6,62,533	6,35,106	6,18,233	3,62,015	4,78,883
United Provinces	2,93,974	3,81,941	2,95,937	5,45,027	7,42,767	5,96,746	0,72,300	6,02,024	7,06,769	10,11,326	11,99,008	10,05,735
Punjab	1,41,903	1,48,410	1,96,096	2,67,578	2,54,043	3,69,286	1,89,810	4,63,499	5,09,523	6,26,318	5,61,882	8,62,063
Burma	4,91,451	6,16,896	9,75,814	11,78,831	33,06,271	11,91,000	53,64,010	53,99,727	92,27,481	38,48,790	49,16,131	55,12,832
Bihar and Orissa	...	...	...	...	...	...	...	...	...	...	...	...
Assam‡	...	12,805	20,427	20,400	1,14,591	1,29,012	2,10,060	2,01,519	1,83,851	2,52,701	2,50,248	3,12,021
Central Provinces and Berar.	3,42,807	5,46,202	6,68,453	6,73,358	6,78,848	1,97,203	21,670	99,748	3,78,212	4,27,140	7,17,066	6,92,844
Coorg	52,607	42,296	40,922	89,117	76,120	51,310	88,190	60,691	87,939	1,01,293	1,31,840	1,09,267
North-West Frontier Province.	...	...	...	...	...	...	...	...	6,195	47,038	41,230	16,033
Ajmer	-6,132	-17,540	-8,722	-5,761	1,172	-2,500	-5,080	-6,136	-9,062	-6,641	2,796	1,656
Baluchistan	...	...	-4,033	5,157	-21,351	-18,178	-11,620	-12,298	-9,768	-3,901	3,834	-2,117
Andamans	4,728	4,094	29,711	16,525	1,02,889	69,010	1,19,660	1,37,710	62,236	44,333	1,61,260	2,78,865
Forest College and Research Institute.	...	...	...	-28,349	-43,357	-62,080	-70,810	-57,511	-72,745	-63,066	-56,801	-57,867
Forest Surveys (Imperial).	-11,911	-63,271	-40,308	-24,271	-23,823	-31,633	-33,560	-33,664	-33,257	-30,951	-33,504	-28,229
Madras	1,46,499	11,418	1,85,360	2,32,960	4,29,215	6,04,232	6,46,760	6,24,739	8,33,876	7,76,207	9,06,707	8,43,118
Bombay	5,29,627	3,58,074	6,42,526	11,69,502	11,45,104	10,64,662	2,86,770	5,52,946	6,60,040	6,52,715	9,75,602	11,16,934
GRAND TOTAL	16,07,631	20,83,593	32,07,631	42,41,192	73,45,662	79,12,616	79,84,930	86,10,453	70,77,337	82,22,209	1,06,49,754	1,10,62,094

Province.	1917-18	1918-19.	1919-20.	1920-21.	1921-22.	1922-23.	1923-24.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Imperial*	-38,612	-63,150	-1,03,250	-1,11,871	-2,10,208	-4,06,911	-1,14,038
Bengal	6,98,377	11,16,269	10,78,930	8,43,913	6,10,837	20,79,977	10,18,843
United Provinces	20,11,769	20,88,203	13,76,470	17,36,203	12,41,969	22,11,317	30,05,334
Punjab	9,59,728	9,58,374	14,29,758	2,29,309	6,15,102	-14,62,423	14,70,498
Burma	68,71,320	68,36,870	93,97,062	1,16,68,016	1,30,83,693	89,71,503	91,99,240
Bihar and Orissa	3,62,909	5,18,911	3,10,658	2,21,484	-94,292	1,64,373	2,75,428
Assam	6,23,829	8,01,757	6,59,873	5,68,343	3,05,516	5,99,219	8,14,447
Central Provinces and Berar	15,64,309	14,72,674	21,70,493	16,60,525	11,17,872	16,72,562	20,63,821
Coorg	2,58,732	2,52,391	4,40,481	-7,407	1,08,086	3,56,046	1,35,849
North-West Frontier Province	1,83,836	1,73,965	1,01,088	-2,31,418	-1,74,531	1,15,276	74,765
Ajmer	1,329	8,772	-12,368	10,695	-703	4,188	5,968
Baluchistan	-12,065	-3,679	-7,377	-6,217	-36,046	-21,529	-9,037
Andamans	3,55,932	5,71,557	-1,70,696	-7,03,546	-7,59,829	-2,17,157	-2,64,882
Forest College and Research Institute.	-2,61,099	-3,68,963	-3,10,193	-4,44,836	-7,08,707	-5,54,823	-6,08,303
Forest Surveys (Imperial)	-56,597	-59,110	-59,653	-90,448	-1,07,118	-1,19,835	-95,944
Madras	24,38,140	16,08,010	25,40,891	8,30,790	-2,46,185	4,83,493	7,81,731
Bombay	29,68,808	26,21,634	23,76,756	15,93,563	21,69,617	30,23,040	27,48,580
GRAND TOTAL	1,93,12,194	1,79,42,726	2,19,12,510	1,77,23,588	1,71,61,103	1,59,04,031	2,04,74,950

* Includes pay of Inspector-General of Forests, Assistant Inspector-General of Forests, includes figures up to 1910-11 for districts subsequently transferred to Bihar and includes figures up to 1910-11 for Eastern Bengal districts subsequently transferred.
(a) Includes Federated Shan States.
(b) Includes Rs. 1,25,587 on account of Chongtu Timber Operations.

MENT XIX—concl'd.

from 1899-1900 to 1930-31 and the average of 6 quinquennial periods from 1869-70 to 1898-99.

PLUS.

1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
—70,512	—95,472	—92,538	—95,994	—93,700	—83,914	—84,031	—91,325	—87,825	—87,491	—86,045	—78,702	Imperial.*
5,25,033	4,32,473	4,84,256	6,00,864	4,89,541	5,21,159	4,16,068	19,39,807	9,75,934	6,33,561	5,51,975	7,19,130	Bengal.†
10,28,246	11,96,018	12,15,732	9,52,970	10,01,586	11,40,501	16,52,487	19,14,609	18,16,473	8,17,495	11,72,524	23,05,017	United Provinces.
5,17,989	4,00,881	2,80,753	4,37,165	3,61,681	4,77,446	5,44,031	4,39,857	4,35,766	3,48,703	8,03,405	7,53,139	Punjab.
68,91,696	61,52,766	51,12,437	51,71,785	56,74,450	62,27,318	58,76,431	67,83,800	71,50,529	50,27,247	48,12,076	74,42,948	Burma.
...	...	...	...	...	...	1,06,297	63,064	1,36,087	1,65,408	1,56,177	81,119	Bihar and Orissa.
5,12,166	6,12,732	6,30,071	5,55,019	5,22,191	8,13,295	3,05,307	3,33,180	1,87,729	—65,462	2,90,638	4,72,588	Arsam.‡
11,41,978	10,58,281	7,06,721	3,21,855	4,01,488	5,24,694	7,11,475	12,26,080	12,33,324	18,35,060	15,43,926	16,02,603	Central Provinces and Berar.
1,49,671	1,33,051	1,60,937	1,24,735	1,05,307	1,68,376	1,73,996	1,20,108	1,50,713	23,404	2,73,522	3,26,822	Coorg.
33,271	89,564	1,50,090	41,369	95,914	1,32,850	63,735	1,15,010	1,35,718	1,12,420	62,020	1,22,915	North-West Frontier Province.
—2,129	1,620	11,076	7,699	4,718	13,928	4,018	6,882	10,302	9,437	—1,707	—5,802	Ajmer.
—4,203	—5,127	—6,429	—13,281	—7,829	—2,175	—8,820	—8,368	—5,323	—6,943	—6,802	—8,652	Baluchistan.
2,46,526	3,11,691	62,555	21,077	65,318	1,69,810	2,60,428	1,01,764	1,71,135	81,192	3,952	2,31,050	Andamans.
—77,339	—1,32,007	—1,61,901	—1,78,511	—1,91,245	—2,15,103	—2,57,891	—2,60,634	—3,02,532	—3,32,474	—2,71,523	—2,97,209	Forest College and Research Institute.
—30,041	—30,359	—27,060	—39,126	—41,052	—41,140	—38,793	—35,809	—37,743	—42,353	—46,663	—47,407	Forest Surveys (Imperial).
7,01,092	8,10,003	11,12,973	9,73,658	8,38,746	6,51,610	7,51,089	9,61,991	12,61,503	10,80,652	11,70,520	17,53,448	Madras.
13,55,990	14,32,238	16,90,760	15,43,483	16,01,558	16,47,607	16,66,133	23,00,064	25,13,279	21,92,317	20,59,225	29,51,496	Bombay.
1,24,16,672	1,21,27,687	1,13,50,016	1,07,39,768	1,11,05,149	1,21,61,431	1,21,10,783	1,50,01,999	1,57,59,890	1,16,03,834	1,25,43,760	1,43,16,047	GRAND TOTAL.

1924-25.	1925-26.	1926-27.	1927-28.	1928-29.	1929-30.	1930-31.	Province.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. (b)	
—1,35,495	—1,18,003	—1,23,859	—61,661	—59,361	—61,493	—1,93,252	Imperial.*
10,58,058	15,35,462	18,69,080	16,47,027	11,36,161	18,66,698	7,16,020	Bengal.
32,37,082	27,30,975	21,07,801	32,07,850	29,36,075	27,90,928	10,97,495	United Provinces.
11,12,824	11,10,569	12,01,316	2,36,713	10,31,706	1,88,574	—1,16,566	Punjab.
1,00,47,611	1,30,58,575	1,16,53,176	1,35,69,810	96,76,372	1,25,57,500	81,07,612	Burma.
2,79,871	3,62,068	—1,84,317	2,75,388	2,16,788	36,613	76,712	Bihar and Orissa.
11,47,043	14,71,157	16,85,967	21,67,693	16,15,507	12,99,706	1,46,498	Arsam.
20,60,769	16,41,680	16,73,605	15,76,692	17,97,057	20,21,855	11,51,077	Central Provinces and Berar.
8,00,279	2,83,123	1,73,375	3,43,186	2,60,503	2,60,577	11,723	Coorg.
81,024	1,96,886	1,50,447	65,286	—5,558	24,159	—9,808	North-West Frontier Province.
16,937	17,506	—12,791	—6,899	11,169	12,603	11,472	Ajmer.
—0,886	—7,737	—4,450	—4,132	—13,463	—8,351	—12,118	Baluchistan.
—4,28,093	—2,44,034	—40,331	—32,622	1,71,770	3,50,359	2,10,578	Andamans.
—7,23,786	—7,98,836	—6,22,511	—8,19,197	—8,65,796	—8,27,968	—8,78,862	Forest College and Research Institute.
...	...	...	...	...	...	...	Forest Surveys (Imperial).
4,07,223	3,47,281	5,86,850	5,71,837	16,95,270	16,46,108	5,89,788	Madras.
29,25,647	38,20,412	32,96,904	29,82,318	23,50,590	32,90,636	6,72,167	Bombay.
2,14,70,799	2,59,07,623	2,68,58,415	2,56,21,482	2,27,47,874	2,40,66,848	1,20,81,050	GRAND TOTAL.

Office Establishment, and undistributable and petty local items and revenues and charges on Indore and Bangalore.....Excludes Home charges.
 Orissa.
 to Bengal.

STATEMENT XX.
Forest area by ownership (in square miles).

Provinces	Type of Forest.	The State.			Corporate bodies.	Private individuals.	Total.	Remarks.
		Dedicated to timber production.	Other forests.	Total.				
1	2	3	4	5	6	7	8	9
Central Provinces	1. Merchantable	18,622	822 +2,476 Ryotwari forest	19,444 +2,476 21,920	...	10,711	65,784	
	2. Unprofitable or inaccessible	Nil.	1,172 Ryotwari forest	1,172	...	21,081		
Information from other Provinces not available.								

**DIAGRAM SHOWING
ANNUAL FOREST REVENUE, EXPENDITURE & SURPLUS,
For the 10 years 1921-22 to 1930-31.**

